



PUBLIC HEALTH

**ALWAYS WORKING FOR A SAFER AND
HEALTHIER WASHINGTON**

Washington State Department of Health Matrix of Agency Areas of Regulation in Schools Washington State Board of Health

November 8, 2006

The Matrix of Agency Areas of Regulation

- A statewide overview of agencies and the regulatory nature of their standards
- A graphic representation of
 - The network of agencies and programs that exist
 - Where different agency standards are applied to school facilities
 - Possible overlaps and gaps between agency standards
- To assist the SBOH with the discussion about overlaps and gaps.

Elements of Environmental Health and Safety in Schools

Key areas or topics for environmental health and safety, in five categories:

- Siting
- Design
- Construction
- Operation and Maintenance
- Oversight and Assurance

Environmental Health & Safety Matrix of Agency Areas of Regulation in Schools, Grades K-12

Elements of Environmental Health & Safety in Schools, Grades K-12¹

Agencies	Elements of Environmental Health & Safety in Schools, Grades K-12 ¹																														Comments & Conditions											
	Elements of Siting		Elements of Design										Elements of Construction		Elements of Operation & Maintenance								Elements of Oversight & Assurance																			
	Ambient Conditions (Air Quality, Drainage, Noise, Soil, Other Pollutant Sources)	Traffic Flow & Pedestrian Access	Utility Availability (Water, Sewer, Power)	Drinking Water Supply & Sewage Treatment	Energy Conservation	Fire Safety	Heating, Cooling, Ventilation	Lighting & Daylighting	Noise / Sound Control	Plumbing & Fixtures	Portables ²	Safety & Special Use Areas ³	Playgrounds	Science Labs	Career & Technical	Vehicle Traffic & Parking ⁴	Material Selection & Handling	Project Management & Oversight	Inspections for Standards & Design Compliance	Commissioning ⁵	Chemical Use & Storage ⁶	Cleaning Methods & Materials	HVAC, Lighting & Energy	Fire Safety	Monitoring Facilities for Conditions ⁷	Indoor Air Quality	Moisture & Mold	Drinking Water Quality	Safety & Special Use Areas ³	Pest Management & Pesticides	Protective Measures ⁸	Staff Training (Building Operation & Maintenance, Shop & Lab Safety)	Specific Enforcement or Penalty Provisions	Complaint Response & Appeal Processes	Environmental Conditions & Events Communication & Notification	Response	Remediation & Repair	First Aid Readiness (Trained & Certified Staff)	Operational Oversight and Inspection			
Local Health Jurisdiction (SBOH Rules)	3	4	4			4	4	4	4	4	4	1	1	1	1			4		3		3												3 ⁹	3 ⁹	3 ⁹	3 ¹⁰	LHJ capacity (staff and expertise) to conduct site and plan review varies statewide.				
Local Building Official (State Building Code)		4	4	4	4		4	4	4	4	4	4	4	4	4	4	4	4	4				2										4				3		3			
Local or State Fire Marshal (State Fire Code)						4					4						4	4	4				3										4				3		3	State Fire Marshall assumes oversight if Local Fire Marshall can not.		
Office of Superintendent of Public Instruction								1	1	1						3	4	2	4																						Washington Sustainable Schools Protocol ¹¹	
State Department of Agriculture																															3									4		
State Department of Ecology	4	4																																							Ecology for new drinking water sources. DOH for water systems and source quality & quantity.	
State Department of General Administration					4		4																																			
State Department of Health (EPA & SBOH Drinking Water Rules)			4	4						4																				4				4							4	EPA & SBOH rules apply to water suppliers and schools with their own water supply.
State Department of Labor and Industries						4			3		4			3	3			3			3	3	3							3	3	3	3	4	4	4	4	4	4	4	4	L&I Workplace safety for employees. ¹²
US Environmental Protection Agency (Other than drinking water)	1						1	1														1			1	1	1	1								1	1	1				
Consumer Product Safety Commission												1					1													1												CPSC Guidance for playgrounds ¹³

MATRIX LEGEND

Rating Number

4

Regulatory Level

- Standards established in statute or rule
- Standards are applied by review & approval, permit and/or inspection¹⁴
- Adequate statewide capacity exists for applying standards
- Compliance is generally achieved statewide

Rating Number

3

Regulatory Level

- Standards established in statute or rule
- Standards are applied by review & approval, permit and/or inspection
- Less-than-adequate statewide capacity exists for applying standards
- Compliance is variable statewide

Rating Number

2

Regulatory Level

- Standards established in statute or rule.
- Compliance is expected despite absence of specific application mechanisms
- Compliance is variable statewide

Rating Number

1

Regulatory Level

- Standards established by state or national guidance, or industry "standard-of-practice"¹⁵
- Standards may be applied by non-regulatory entities (such as insurance risk pools) or by regulatory entities under general authority
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Local Health Jurisdiction (SBOH Rules)	3	4	4			4	4	4	4	4	1	1	1	1			4		3	3													3 ⁹	3 ⁹	3 ⁹		3 ¹⁰	LHJ capacity (staff and expertise) to conduct site and plan review varies statewide.						
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State Department of Labor and Industries						4			3	4		3	3				3			3	3	3								3	3	3	3	4	4	4	4	4	4	4	4			L&I Workplace safety for employees. ¹²
US Environmental Protection Agency (other than drinking water)	1						1	1													1		1	1	1	1	1								1	1	1							
Consumer Product Safety Commission											1					1													1														CPSC Guidance for playgrounds ¹³	

MATRIX LEGEND

Rating Number	Regulatory Level	Rating Number	Regulatory Level	Rating Number	Regulatory Level	Rating Number	Regulatory Level
4	<ul style="list-style-type: none"> Standards established in statute or rule Standards are applied by review & approval, permit and/or inspection¹⁴ Adequate statewide capacity exists for applying standards Compliance is generally achieved statewide 	3	<ul style="list-style-type: none"> Standards established in statute or rule Standards are applied by review & approval, permit and/or inspection Less-than-adequate statewide capacity exists for applying standards Compliance is variable statewide 	2	<ul style="list-style-type: none"> Standards established in statute or rule. Compliance is expected despite absence of specific application mechanisms Compliance is variable statewide 	1	<ul style="list-style-type: none"> Standards established by state or national guidance, or industry "standard-of-practice"¹⁵ Standards may be applied by non-regulatory entities (such as insurance risk pools) or by regulatory entities under general authority Compliance is voluntary and variable statewide

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Matrix Legend

Regulatory Level descriptions provide a general characterization of agency programs in terms of:

- Standards—how are these established, by statute, rule, or guidance?
- Application of standards—what is the mechanism used to apply the standards?
- Capacity to apply—what capacity exists statewide to apply the standards?
- Level of compliance—what is the general level of statewide compliance?

Regulatory Level 4

- Standards established in statute or rule
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Regulatory Level 3

- Standards established in statute or rule
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Regulatory Level 2

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Regulatory Level 1

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Rating Numbers

- How were these assigned?
 - Regulatory agency staff reviewed matrix & ratings
- What do they mean?
 - Identify the regulatory nature of the programs
- Do the rating numbers indicate the quality or adequacy of a standard?
 - This matrix does not evaluate existing standards.

What does the Matrix indicate?

- Where more than one ***Rating Number*** appears in a column, an overlap of activity or requirement may exist.
- Where a lower value ***Rating Number*** appears, indicating a less robust regulatory program, a gap in protection may exist.
- The matrix does not identify the possibility of a gap in protection resulting from a low or inadequate standard.

The Matrix of Agency Areas of Regulation

- A statewide overview of agencies and the regulatory nature of their standards
- A graphic representation of
 - The network of agencies and programs that exist
 - Where different agency standards are applied in school facilities
 - Possible overlaps and gaps between agency standards
- To assist the SBOH with the discussion about overlaps and gaps.

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HEALTHIER WASHINGTON

Mark Soltman, Manager
School Environmental Health and Safety
Program